

MULTILAYER CAPACITOR

## ABSTRACT

5           Internal dielectric layers isolated between them by  
a ceramic layer are arranged in a dielectric body, other  
internal conductor layers also isolated between them by a  
ceramic layer are arranged in the dielectric body by  
being isolated from the above internal conductor layers.  
10 Each of the all internal conductor layers is formed with  
a cut part, and a channel part is formed around the cut  
part, and the channel parts are arranged so that currents  
flow in mutually reverse directions between channel parts  
of internal conductor layers adjoining across a ceramic  
15 layer. Consequently, the equivalent serial inductance of  
the multilayer capacitor is largely reduced and  
fluctuations of a power source voltage of a CPU is made  
small.